GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:4750
ANSWERED ON:15.12.2016
System of Transmitting Bulk Power
Charitra Shri Ram

Will the Minister of POWER be pleased to state:

(a) whether a system for transmitting bulk power with a force of 1200 KV has been developed in the country and if so, the details thereof and the salient features of the new system; and

(b) the manner in which it would be beneficial to the country?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : Towards indigenous development of 1200kV Ultra High Voltage Alternating Current (UHVAC) system, a Test Station has been established by Power Grid Corporation of India Limited (PGCIL) at Bina, Madhya Pradesh in partnership with Indian Equipment Manufacturers and Central Power Research Institute (CPRI). The Test Station is commissioned and is in operation under test setup. The operational experience of the test station would help in the establishment and operation of future 1200kV UHVAC commercial projects.

1200kV system shall help in transmitting bulk power of about 6000 Mega-Watts per circuit, which will help in optimal utilization of Right-of-Way required for transmission of power.

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